

Monthly Progress Report

REC'D 3-8-94
F.B.

Submitted to: Mr. Frank Battaglia, Project Manager
USEPA Region I
Waste Management Building
90 Canal Street
Boston, MA 02114

NAME: Ciba Geigy
I.D. NO. RID00194323
FILE NO. R-9
OTHER: _____

Submitted by: Ms. Diane Leber, Project Coordinator
CIBA-GEIGY Corporation
444 Sawmill River Road
Ardsley, NY 10502

Pursuant to: RCRA I-88-1088

Facility Site: Cranston, RI

Period Covered: February 1994 (29 January 1994 – 25 February 1994)*

Date Submitted: 10 March 1994

1.0 SUMMARY

This is the forty-fourth monthly progress report. Five significant events occurred this month.

Phase II Investigation. Sediment sampling for the Phase II Release Characterization began; validation of the Phase II (Round 1) on-site data was completed. ISCO samplers were reinstalled at two locations along the river; the samplers will collect surface water (for suspended sediment analyses) during high flow events.

Change in Plan: The Phase II (Round 2) on-site sampling (scheduled to begin in February) was delayed because of significant snowfall on-site; instead, sampling of the Pawtuxet River for the Release Characterization was started [as reported in Section 2.1]. On-site sampling will begin when field conditions allow. [Changes to the Work Plan are discussed in Section 8.0.]

Project Management. The Order modification to combine the deliverables for Phases II and IV was executed by the USEPA and CIBA-GEIGY. These deliverables are now due to the USEPA on September 15, 1995.

Stabilization Investigation. Development of the Final Stabilization Design Documents (FSDD) continued; other planning for stabilization continued. On 2/24/94, a meeting was held at Woodward-Clyde Consultants' (WCC) Wayne NJ office to discuss how the instrumentation/control portion of the project will be completed; the meeting was attended by personnel from CIBA-GEIGY and WCC.

Hydrological Investigation. Stage height measurements of the river continued. Processing river stage data from the automatic recorders (transducers) continued.

Water Level Monitoring. Monthly groundwater level monitoring continued. Processing groundwater level data from the automatic recorders (transducers) continued.

*As agreed, the reporting period will be monthly through the fourth Friday of the month.



2.0 TASKS AND ACTIVITIES COMPLETED

The sampling and other activities (subtasks) that were completed are reported here.

2.1 Sampling Activities Completed

The following samples were collected:

<u>Sampling Activity</u>	<u>Location(s)</u>	<u>Date(s) Sampled</u>	<u>No. of Samples</u>	<u>Date(s) Sent for Analysis</u>	<u>Analysis</u>
<i>Sediment Sampling</i>	SD-TD1A	2/15/94	1	2/15/94	A
	SD-TD1B	2/15/94	1	2/15/94	A
	SD-TD2A	2/15/94	1	2/15/94	A
	SD-TD2B	2/15/94	1	2/15/94	A
	SD-TD3A	2/15/94	1	2/15/94	A
	SD-TD3B	2/15/94	1	2/15/94	A
	SD-TD4A	2/15/94	1	2/15/94	A
	SD-TD4B	2/15/94	1	2/15/94	A
	SD-TLF9A	2/16/94	1	2/16/94	A
	SD-TLF9B	2/16/94	1	2/16/94	A
	SD-TLF10A	2/16/94	1	2/16/94	A
	SD-TLF10B	2/16/94	1	2/16/94	A
	SD-TLF11A	2/16/94	1	2/16/94	A
	SD-TLF11B	2/16/94	1	2/16/94	A
	SD-TLF12A	2/16/94	1	2/16/94	A
	SD-TLF12B	2/16/94	1	2/16/94	A
	SD-TLF4A	2/17/94	1	2/17/94	A
	SD-TLF4B	2/17/94	1	2/17/94	A
	SD-TLF5A	2/17/94	1	2/17/94	A
	SD-TLF5B	2/17/94	1	2/17/94	A
	SD-TLF6A	2/17/94	1	2/17/94	A
	SD-TLF6B	2/17/94	1	2/17/94	A
	SD-TLF7A	2/17/94	1	2/17/94	A
	SD-TLF7B	2/17/94	1	2/17/94	A
	SD-TLF8A	2/17/94	1	2/17/94	A
	SD-TLF8B	2/17/94	1	2/17/94	A
	SD-TUF1A (S)	2/22/94	1	2/22/94	A
	SD-TUF1A (D)	2/22/94	1	2/22/94	A
	SD-TUF1B (S)	2/22/94	1	2/22/94	A
	SD-TUF1B (D)	2/22/94	1	2/22/94	A
	SD-TUF1C (S)	2/22/94	1	2/22/94	A
	SD-TUF3A (S)	2/23/94	1	2/23/94	A
	SD-TUF3A (D)	2/23/94	1	2/23/94	A
	SD-TUF3B (S)	2/23/94	1	2/23/94	A
	SD-TUF3C (S)	2/23/94	1	2/23/94	A
	SD-TUF4A (S)	2/23/94	1	2/23/94	A
	SD-TUF4A (D)	2/23/94	1	2/23/94	A
	SD-TUF4B (S)	2/24/94	1	2/24/94	A
	SD-TUF4C (S)	2/24/94	1	2/24/94	A
	SD-TUF4C (D)	2/24/94	1	2/24/94	A
	SD-TUF5A (S)	2/24/94	1	2/24/94	A
	SD-TUF5B (S)	2/24/94	1	2/24/94	A
	SD-TUF5B (D)	2/24/94	1	2/24/94	A
	SD-TUF5C (S)	2/24/94	1	2/24/94	A
	SD-TUF5C (D)	2/24/94	1	2/24/94	A

<u>Sampling Activity</u>	<u>Location(s)</u>	<u>Date(s) Sampled</u>	<u>No. of Samples</u>	<u>Date(s) Sent for Analysis</u>	<u>Analysis</u>
<i>Sediment Sampling (continued)</i>	SD-TUF6A (S)	2/25/94	1	2/25/94	A
	SD-TUF6B (S)	2/25/94	1	2/25/94	A
	SD-TUF6C (S)	2/25/94	1	2/25/94	A
	SD-TUF7A (S)	2/25/94	1	2/25/94	A
	SD-TUF7A (D)	2/25/94	1	2/25/94	A
	SD-TUF7B (S)	2/25/94	1	2/25/94	A
	SD-TUF7C (S)	2/25/94	1	2/25/94	A
	SD-TUF7C (D)	2/25/94	1	2/25/94	A

A = Release Characterization sediment samples analyzed for selected analytes (approved by USEPA)

2.2 Other Activities Completed

The other activities (subtasks) completed during this reporting period were described in Section 1.0.

3.0 JEOPARDY TASKS (scheduled tasks not completed)

No tasks were in jeopardy as of 25 February 1994.

4.0 OTHER TASKS UNDERWAY (and on schedule)

The tasks that were underway (and on schedule as of 25 February 1994) were described in Section 1.0.

5.0 DATA OBTAINED

Groundwater level data have been obtained but have not yet been peer reviewed. Validation of the Phase II (Round 1) on-site data was completed; the data will be reported to the USEPA after the data have been moved from the validated data (QC2) field to the final data (QC3) field in the project data base.

6.0 PROBLEM AREAS

The resolved, new, potential (i.e., anticipated or possible), and outstanding (i.e., still unresolved) problem areas are reported here.

6.1 Resolved Problem Area

One potential problem area was resolved during the reporting period.

Validation of Inorganic Analytical Data Proceeding

Potential Problem. The inorganic analytical data from the project lab (PACE Laboratories) were delivered late and contained several errors.

Resolution. The laboratory revised and resubmitted the data needed; validation of these data has now been completed. After these validated data (QC2) have been moved to the final data

(QC3) field in the data base, the data will be submitted to the USEPA in a Monthly Progress Report.

6.2 New Problem Areas

No new problem areas remained unresolved during this reporting period.

6.3 Potential Problem Areas

One potential problem area from the last reporting period was resolved [described in Section 6.1]; the other potential problem area from the last reporting period resulted in a change to the Work Plan [described in Section 8.0]. No new potential problem areas were identified during this reporting period.

6.4 Outstanding Problem Areas

No problem areas remained unresolved during this reporting period.

7.0 SCHEDULE OF TASKS (next two months)

The projected schedule is provided here. It covers the tasks to be performed in the next two months (March and April 1994), along with other comments or considerations.

Target Date	Task#	Task	Comments/Considerations
ongoing	—	Stabilization	
9/15/95	—	Phase II Investigation	
ongoing	9	Project Management	
ongoing	10	Data Management	
ongoing	11	Project Administration	
ongoing	12	Quality Assurance	
ongoing	13	Health & Safety Assurance	

8.0 CHANGES IN WORK PLAN

One change was made to the Work Plan during this reporting period.

Phase II On-Site vs. River Sampling. The Phase II (Round 2) on-site sampling (scheduled to begin in February) was delayed because of significant snowfall on-site; instead, sampling of the Pawtuxet River for the Release Characterization was started [as reported in Section 2.1]. On-site sampling will begin when field conditions allow.

9.0 OTHER COMMENTS

The plans going forward into March and April include:

- continuing on-site sampling for the Release Characterization,
- moving forward with stabilization,
- moving forward with the Phase II investigation, and
- additional planning for future investigations.